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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/750,294	12/29/2000	Seong-ho Shim	Q61800	6520

7590 04/21/2005

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EXAMINER

EL CHANTI, HUSSEIN A

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 04/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/750,294

Applicant(s)

SHIM, SEONG-HO

Examiner

Hussein A. El-chanti

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Response to Amendment

1. This action is responsive to amendment received on Dec. 29, 2004. Claims 1-11 are pending examination.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1 and 4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1 and 4 state "receiving a main home page data from a source server". However the claims do not specify who receives the home page.

Claims 1 and 4 also state "extracting, converting and transferring the received home page". However there is no indication in the claims on who does the recited steps.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nitahara, U.S. Patent No. 6,604,108 in view of Basani et al., U.S. patent No. 6,718,361 (referred to hereafter as Basani).

Nitahara teaches the invention substantially as claimed including a system and method of gathering data from data servers and converting the retrieved data to a format suitable for the destination device (see abstract).

As to claims 1 and 4, Nitahara teaches a method and a computer-readable medium for moving a data from one server to another server, comprising the steps of:

(a) receiving page from a source server in which page to be moved is stored (see col. 5 lines 11-40, server receives a main page to be transferred to client);

(b) extracting page requiring modification from the received page (see col. 5 lines 11-40 and col. 6 lines 26-39, determination is made using the attributes to the content required from the retrieved page and whether additional attributes are required);

(c) converting the extracted page into a format suited for a destination by referring to a mapping table for storing mapping relationships, said mapping relationships are determined by the environments of the source server and the destination computer (see col. 9 lines 62-col. 10 lines 7 and col. 8 lines 62-col. 9 lines 12, the acquired data is transformed to format compatible with the receiving device where the format is determined by examining the destination attributes); and

(d) transferring and transplanting page including the converted page to the destination computer (see col. 11 lines 13-42, the formatted web page is sent to the destination device).

Nitahara does not explicitly teach the destination is a "server". However Basani teaches a method and system for distributing web content over a network where a source server sends web content from a source server to a destination server in a format suitable for the destination server to be further distributed to other clients (see abstract).

It would have been obvious for one of the ordinary skill in the art at the time of the invention to modify Nitahara by sending the webpage to a destination server as taught by Basani. One would be motivated to do so because doing so would allow servers to distribute content to other servers "group leaders" allowing the system to synchronize and maintain an up-to-date version of web content (see "Basani", abstract lines 16-21).

As to claims 2 and 6, Nitahara teaches the home page moving method and medium of claims 1 and 4, prior to the step (d), further comprising the steps of:

(pd-1) determining whether or not a next page exists in a hierarchical manner;

(pd-2) if it is determined that a next page exists in the step (pd-1), sending a request for the corresponding page to the source server;

(pd-3) receiving the requested page from the source server; and

(pd-4) if it is determined that a next page does not exist in the step (pd-1), proceeding with the step (d) (see col. 8 lines 5-col. 9 lines 60).

As to claims 3 and 7, Nitahara teaches the home page moving method and medium of claims 2 and 6, wherein, in the step (pd-1), when a uniform resource locator (URL) is detected, it is determined that a next page exists in a hierarchical manner (see col. 8 lines 5-col. 9 lines 60).

As to claim 5, Nitahara teaches the computer readable recording medium of claim 4, wherein the instructions include program codes (see rejection of claim 4).

As to claim 8, Nitahara teaches a device comprising: a mapping table for mapping home page page stored in a source server into page to be stored in a destination server based on the environments of a common gateway interface (CGI), a pagebase, a bulletin board of the source server, and a bulletin board of the destination computer; and a page converter for converting the home page page stored in the source server into a format suited for the destination computer by referring to the mapping table (see col. 8 lines 62-col. 9 lines 12).

As to claim 9, Nitahara teaches the device of claim 8, further comprising a page transceiver for receiving the home page page from the source server and transmitting page, including the converted page, to the destination computer (see col. 8 lines 5-col. 9 lines 60).

As to claim 10, Nitahara teaches the method of claim 1 wherein said environments are at least one of a common gateway interface (CGI), a pagebase, a bulletin board of the source server, and a bulletin board of the destination computer (see col. 8 lines 62-col. 9 lines 15).

As to claim 11, Nitahara teaches the method of claim 3 wherein the URL of the next page is in said home page (see col. 8 lines 5-col. 9 lines 60).

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
5. Applicant's arguments with respect to the pending claims have been considered but are moot in view of the new grounds of rejection.

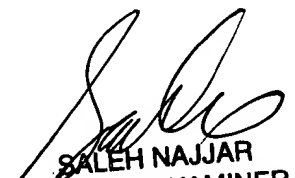
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hussein A. El-chanti whose telephone number is (571)272-3999. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571)272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hussein El-chanti

April 15, 2005


SALEH NAJJAR
PRIMARY EXAMINER